

Index to Volume 9

Issues 1-4, Winter 1984-Fall 1984

Article Index

This index is arranged by author and includes articles, editorials, meeting reports, research reports, and book reviews. Format: Author. "Title" (Volume:Issue:pages)

- Ashford, Nicholas A. "Advisory Committees in OSHA and EPA: Their Use in Regulatory Decisionmaking" (9:1:72-82)
- . "The Use of Technical Information in Environmental, Health and Safety Regulation: A Brief Guide to the Issues" (9:1:130-133)
- Belote, James, and Linda S. Belote. "Suffer the Little Children: Death, Autonomy, and Responsibility in a Changing 'Low Technology' Environment" (9:4:35-48)
- Belote, Linda S. (see Belote, James)
- Bentley, Michael L. "Report: Creationism Through the Back Door—The Case of Liberty Baptist College" (9:4:49-53)
- Bereano, Philip L. "Institutional Biosafety Committees and the Inadequacies of Risk Regulation" (9:4:16-34)
- Blank, Robert H. "Human Sterilization: Emerging Technologies and Reemerging Social Issues" (9:3:8-20)
- Blanpied, William A. "Balancing Central Planning with Institutional Autonomy: Notes on a Visit to the People's Republic of China" (9:2:67-72)
- Brickman, Ronald. "Science and the Politics of Toxic Chemical Regulation: U.S. and European Contrasts" (9:1:107-111)
- Brooks, Harvey. "The Resolution of Technically Intensive Public Policy Disputes" (9:1:39-50)
- Brown, Michael. (see Nelkin, Dorothy)
- Bruer, John T. "Women in Science: Toward Equitable Participation" (9:3:3-7)
- Davies, Richard. "The Sizewell B Nuclear Inquiry: An Analysis of Public Participation in Decision-making about Nuclear Power" (9:3:21-32)
- Dowling, Michael J. (see Roberts, Marc J.)
- Gladstone, Jo. "Behind the Lines: Women in the Arts and Sciences in the 1930s" (Book Review) (9:2:73-77)
- Greenwood, Ted. "The Myth of Scientific Incompetence of Regulatory Agencies" (9:1:83-96)
- Griffin, Anne. (see Zola, Judith C.)
- Grodzins, Lee. "Commentary on Zumeta's Article" (9:2:38-39)
- Grubb, W. Norton. (see Whittington, Dale)
- Hamlett, Patrick W. "Understanding Technological Development: A Decisionmaking Approach" (9:3:33-46)
- Harrison, Anna J. "Commentary" (9:1:123-125)
- Katz, James E. "The Uses of Scientific Evidence in Congressional Policymaking: The Clinch River Breeder Reactor" (9:1:51-62)
- . "Comment on Tim Lynch's Response" (9:4:58-59)
- La Follette, Marcel C. "Forging the Links" (Editorial) (9:1:3-6)
- . "The Topography of Representation: Minorities in Science" (Editorial) (9:4:3-5)
- Lowry, Gerry. "Commentary: Conservation Realism" (9:4:54-57)
- Lynch, Tim. "Comments on Article by James E. Katz" (9:2:83-85)
- McGarity, Thomas O. "Judicial Review of Scientific Rulemaking" (9:1:97-106)
- Majone, Giandomenico. "Science and Trans-Science in Standard Setting" (9:1:15-22)
- Moss, Thomas H. "The Modern Politics of Laboratory Animal Use" (9:2:51-56)
- Nelkin, Dorothy, and Michael Brown. "Observations on Workers' Perceptions of Risk in the Dangerous Trades" (9:2:3-10)
- Nye, David E. "On Writing the History of Technology" (Book Review) (9:2:78-92)

- Ritvo, Harriet. "Plus Ça Change: Anti-Vivisection Then and Now" (9:2:57-66)
- Roberts, Marc J., Stephen R. Thomas, and Michael J. Dowling. "Mapping Scientific Disputes that Affect Public Policymaking" (9:1:112-122)
- Rushesky, Mark E. "The Misuse of Science in Governmental Decisionmaking" (9:3:47-59)
- Schmandt, Jürgen. "Linking Science to Policy: The Role of Technical Knowledge in Regulatory Decision-making—Introduction" (9:1:14)
- . "Regulation and Science" (9:1:23-38)
- Schmaus, Warren. "A Reply to Zuckerman" (9:3:72-75)
- Sechzer, Jeri A. (see Zola, Judith C.)
- Sieber, Joan E. (see Zola, Judith C.)
- Steneck, Nicholas H. "Commentary: The University and Research Ethics" (9:4:6-15)
- Stern, Arnold. "University-Industry Relationships" (9:3:72)
- Thomas, Stephen R. (see Roberts, Marc J.)
- Whittington, Dale, and W. Norton Grubb. "Economic Analysis in Regulatory Decisions: The Implications of Executive Order 12291" (9:1:63-71)
- Wilson, Richard. "Commentary: Risks and Their Acceptability" (9:2:11-29)
- Yellin, Joel. "Commentary" (9:1:126-129)
- Zola, Judith C., Jeri A. Sechzer, Joan E. Sieber, and Anne Griffin. "Animal Experimentation: Issues for the 1980s" (9:2:40-50)
- Zuckerman, Harriet. "Norms and Deviant Behavior in Science" (9:1:7-13)
- Zumeta, William. "Anatomy of the Boom in Postdoctoral Appointments During the 1970s: Troubling Implications for Quality Science?" (9:2:23-37)

Bibliography Index

This index is arranged by the author or the title of the publication reviewed in the "Bibliography" Section. Format: Author. Title of Publication (Volume:Issue:pages)

- Amann, Ronald, and Julian Cooper, eds. *Industrial Innovation in the Soviet Union* (9:2:89)
- Amann, Ronald, Julian Cooper, and R.W. Davies, eds. *The Technological Level of Soviet Industry* (9:2:89)
- Annas, George J., Leonard H. Glantz, and Barbara F. Katz. *The Rights of Doctors, Nurses, and Allied Health Professionals: A Health Law Primer* (9:3:60)
- Barash, David. *Aging: An Exploration* (9:1:134)
- Berger, Carl. *Science, God and Nature in Victorian Canada* (9:3:60)
- Berner, Richard C. *Archival Theory and Practice in the United States: A Historical Analysis* (9:3:60-61)
- Beyond Whistleblowing: Defining Engineers' Responsibilities* (9:4:60)
- Blank, Robert H. *Redefining Human Life: Reproductive Technologies and Social Policy* (9:4:60)
- Bliss, Michael. *The Discovery of Insulin* (9:1:134-135)
- Brock, D. Heyward, and Ann Harward, eds. *The Culture of Biomedicine* (9:4:61)
- Brooks, Harvey. "The Effect of Sponsorship Upon Social Science Research" (9:2:89)
- Brown, Lester R., ed. *State of the World 1984* (9:3:61)
- Cartwright, Nancy. *How the Laws of Physics Lie* (9:3:61)
- Center for the Study of Human Rights, Columbia University. *Human Rights: A Topical Bibliography* (9:3:61-62)
- Cowan, Ruth Schwartz. *More Work for Mother: The Ironies of Household Technology from the Open Hearth to the Microwave* (9:2:90)
- Culture Technique, Number 10 ("USA") (June 1983) (9:3:62)
- Deudney, Daniel. *Whole Earth Security: A Geopolitics of Peace* (9:2:90)
- Drell, Sidney D. *Facing the Threat of Nuclear Weapons* (9:3:62)
- Eddy, Howard. *Regulation of Recombinant DNA Research: A Tri-National Study* (9:3:62-63)
- Flavin, Christopher. *Nuclear Power: The Market Test* (9:3:63)
- Ford, Daniel, Henry Kendall, and Steven Nadis. *Beyond the Freeze: The Road to Nuclear Sanity* (9:3:63)
- Frankena, Frederick. "Facts, Values and Technical Expertise in a Renewable Energy Siting Dispute" (9:3:64)
- Frye, Roland Mushat, ed. *Is God a Creationist? The Religious Case Against Creation-Science* (9:2:90-91)
- Gandy, Oscar H., Jr. *Beyond Agenda Setting: Information Subsidies and Public Policy* (9:1:135)

- Garfinkel, David. "An Engineer for His People" (9:4:61)
- Giere, Ronald N. *Understanding Scientific Reasoning* (second edition) (9:3:64)
- Gray, Bradford H., ed. *The New Health Care for Profit: Doctors and Hospitals in a Competitive Environment* (9:4:61)
- Havender, William R. "The Science and Politics of Cyclamates" (9:1:135)
- Helmer, Olaf. *Looking Forward: A Guide to Futures Research* (9:3:64)
- Hetherington, Norris S. "Just How Objective is Science?" (9:3:64-65)
- Hopkins, Donald R. *Princes and Peasants: Smallpox in History* (9:2:91)
- Jamison, Andrew. *National Components of Scientific Knowledge: A Contribution to the Social Theory of Science* (9:3:65)
- Janowitz, Morris. *The Reconstruction of Patriotism: Education for Civic Consciousness* (9:4:62)
- Jones, Robert A., and Henrika Kucklick, eds. *Current Perspectives on the History of the Social Sciences, Volume 4* (9:3:65)
- Kahle, Jane Butler. *Double Dilemma: Minorities and Women in Science Education* (9:1:135-136)
- Knight, James A. "Exploring the Compromise of Ethical Principles in Science" (9:4:62)
- Knorr-Cetina, Karin D., and Michael Mulkay. *Science Observed: Perspectives on the Social Study of Science* (9:2:91)
- Kovel, Joel. *Against the State of Nuclear Terror* (9:1:136)
- Lagadec, Patrick. *Major Technological Risk: An Assessment of Industrial Disasters* (9:1:136-137)
- Lappé, Marc. "Values and Public Health: Value Considerations in Setting Health Policy" (9:3:65)
- Law and Human Behavior*, Special Issue on Professional Regulation (9:3:66)
- Lee, Alfred M. *Electronic Message Transfer and its Implications* (9:1:137)
- Leslie, Stuart W. *Boss Kettering* (9:3:66)
- Levinson, Paul, ed. *In Pursuit of Truth: Essays in Honour of Karl Popper's 80th Birthday* (9:1:137)
- Liangying, Xu, and Fan Dainian. *Science and Socialist Construction in China* (9:3:66-67)
- Lipkin, Mack, Jr., and Karel Kupka. *Psychosocial Factors Affecting Health* (9:1:137-138)
- Lucas, A.M. "Scientific Literacy and Informal Learning" (9:2:91-92)
- Lynn, Walter R., and Franklin A. Long. "University-Industrial Collaboration in Research" (9:1:138)
- Maidens, Melinda, ed. *American Technology: Are We Falling Behind?* (9:1:138)
- Marks, Stuart A. *The Imperial Lion: Human Dimensions of Wildlife Management in Central Africa* (9:4:63)
- McGowan, Chris. *In the Beginning: A Scientist Shows Why the Creationists Are Wrong* (9:3:67)
- Murdock, Steve H., F. Larry Leistritz, and Rita R. Hamm, eds. *Nuclear Waste: Socioeconomic Dimensions of Long-Term Storage* (9:1:138)
- Nanda, Ved P., ed. *World Climate Change: The Role of International Law and Institutions* (9:3:67)
- National Research Council. *Toxicity Testing: Strategies to Determine Needs and Priorities* (9:3:67-68)
- Neiman, Max, and Barbara J. Burt, eds. *The Social Constraints on Energy-Policy Implementation* (9:4:63)
- Nelkin, Dorothy, and Michael S. Brown. *Workers at Risk: Voices from the Workplace* (9:3:68)
- Nyhart, J.D., and Milton M. Carrow. *Law and Science in Collaboration: Resolving Regulatory Issues of Science and Technology* (9:1:139)
- Office of Technology Assessment (OTA). *Nuclear Power in an Age of Uncertainty* (9:4:63)
- . *Role of Genetic Testing in the Prevention of Occupational Disease* (9:1:139)
- . *Technologies to Sustain Tropical Forest Resources* (9:4:64)
- . *Wetlands: Their Use and Regulation* (9:4:64)
- Organisation of Economic Co-operation and Development (OECD). *Assessing the Impacts of Technology on Society* (9:3:68)
- . *Microelectronics, Robotics and Jobs* (9:2:92)
- "Pacem in terris: twenty years later" (9:4:64)
- Pacey, Arnold. *The Culture of Technology* (9:3:69)
- Parrott, Bruce. *Politics and Technology in the Soviet Union* (9:2:92)
- Pasqualetti, Martin J., and K. David Pijawka, eds. *Nuclear Power: Assessing and Managing Hazardous Technology* (9:4:64)
- Patterson, Elizabeth Chambers. *Mary Somerville and the Cultivation of Science 1815-1840* (9:4:65)
- Proceedings of the Global Seminar on the Role of Scientific and Engineering Societies in Development* (9:3:69)
- Pugh, Emerson W. *Memories That Shaped an Industry* (9:4:65)
- Rabkin, Eric S., Martin H. Greenberg, and Joseph D. Olander, eds. *No Place Else: Explorations in Utopian and Dystopian Fiction* (9:2:93)
- "Research, International Law, and the Sea in Man's Future" (9:4:65)
- Ronayne, Jarleth. *Science in Government* (9:4:66)
- Rosen, George. *The Structure of American Medical Practice: 1875-1941* (9:4:66)
- Rosner, David. *A Once Charitable Enterprise: Hospitals and Health Care in Brooklyn and New York, 1885-1915* (9:2:93)
- Rossini, Frederick A., and Alan L. Porter, eds. *Integrated Impact Assessment* (9:3:70)
- Rossiter, Margaret. *Women Scientists in America: Struggles and Strategies to 1940* (9:2:93)
- Rowan, Andrew N., and Bernard E. Rollin. "Animal Research—For and Against: A Philosophical, Social, and Historical Perspective" (9:2:93-94)

- Schäfer, Wolf ed. *Finalization in Science: The Social Orientation of Scientific Progress* (9:4:67)
- Shaw, Margery W., and A. Edward Doudera, eds. *Defining Human Life: Medical, Legal and Ethical Implications* (9:3:70)
- Shultz, Eugene B., Jr., and Robert P. Morgan, eds. *Fuels and Chemicals from Oilseeds: Technology and Policy Options* (9:4:67)
- Slusser, George E., Eric Rabkin, and Robert Scholes, eds. *Coordinates: Placing Science Fiction and Fantasy* (9:4:67)
- Steltzer, Ulli. *Health in the Guatemalan Highlands* (9:4:68)
- Steneck, Nicholas H., ed. *Risk/Benefit Analysis: The Microwave Case* (9:1:139)
- Stover, William James. *Information Technology in the Third World: Can I. T. Lead to Humane National Development?* (9:4:68)
- Summers, Gene F., ed. *Technology and Social Change in Rural Areas* (9:4:69)
- Thomas, William A., ed. "Symposium on Science and the Rules of Evidence" (9:2:94)
- Troyer, Ronald J., and Gerald E. Markle. *Cigarettes: The Battle Over Smoking* (9:4:69)
- U.S. General Accounting Office. *New Directions for Federal Programs to Aid Mathematics and Science Teaching* (9:3:70-71)
- Walker, Charles, Leroy C. Gould, and Edward J. Woodhouse, eds. *Too Hot to Handle! Social and Policy Issues in the Management of Radioactive Wastes* (9:1:140)
- Wilson, John T. *Academic Science, Higher Education, and the Federal Government, 1950-1983* (9:3:71)
- Wolff, Kathryn, Joellen Fritzsche, and Gary Todd, eds. *The Best Science Films, Filmstrips, and Videocassettes for Children* (9:1:140)
- World Patent Information (9:3:71)
- Wright, Susan, and Robert L. Sinsheimer. "Recombinant DNA and Biological Warfare" (9:3:71)
- Yoxen, Edward. *The Gene Business* (9:1:140)
- Zinberg, Dorothy. *Uncertain Power: The Struggle for a National Energy Policy* (9:2:94)

News Index

This index includes all entries from the "News Items" section, arranged alphabetically by title.
Format: Title (Volume:Issue:pages)

- Committee for Responsible Genetics Founded (9:3:76-77)
- Conference: Engineering Ethics (9:1:142)
- _____: Historical, Philosophical, and Social Studies of Biology (9:4:73)
- Conferences (see also "Meeting," "Symposium")
- Course Syllabi on the History of Technology (9:1:142)
- Curricula on Values in Science (9:2:86)
- Directory of Women in the History of Science, Medicine & Technology (9:3:76)
- Education (see "Course Syllabi . . .," "Government, Industry . . .," "New Directory . . .," "Public Understanding . . .," "Publication: College . . .," "Publication: Science Education . . .," "School Competition . . .," "Science Curriculum . . .," "Teacher's Guide: Computers . . .," and "Toward a Liberation . . .")
- Exhibit: Micro-Electronics on Nationwide Tour (9:3:78)
- Fellowship: Andrew W. Mellon Faculty Fellowships in the Humanities (9:3:78)
- _____: Bush Fellowships for Science Journalists at MIT (9:1:141)
- _____: Ethics and the Life Sciences (9:1:142)
- _____: EXXON and Mellon Fellowships at MIT (9:1:141-142)
- _____: In Residence at the Smithsonian (9:4:72)
- _____: Study and Work in West Germany (9:3:77)
- Film: Whatever Happened to Mr. Wizard? (9:3:76)
- Film (see also "Video Tape: A Call for Survival")
- Government, Industry, and Education (9:2:88)
- Health Policy Planning (9:4:71)
- Massachusetts Announces Task Force on Organ Transplantation (9:2:86-87)
- Meeting: George Sarton Centennial (9:3:76)
- _____: Philosophy and Technology (9:2:87)
- _____: Philosophy and Technology (9:4:73)
- _____: Society for the History of Technology (9:3:76)
- New Directory of Science Communication Programs Available (9:2:87)
- NSF [National Science Foundation] Publishes Bibliography on Social Studies of Science (9:2:88)
- Public Understanding of Chemistry

- (9:4:72)
 Public Understanding of Science (see "Exhibit . . ." "Film . . .")
 Publication: Agriculture and Human Values (9:4:72)
 —: College Education on Nuclear War (9:1:141)
 —: Proceedings of the 2nd National Conference on Ethics in Engineering (9:3:77)
 —: Risk and Consent (9:2:88)
 —: Science Education in Canada (9:3:77-78)
 —: The Ethics Committee Newsletter (9:2:87)
 —: The NAS [U.S. National Academy of Science] Attacks Creationism (9:3:78)
 Report: World Chemical and Agricultural Needs (9:1:142)
 School Competition: Energy Policy Simulations (9:3:78)
 Science Curriculum Objectives Produced for Boston Public Elementary and Middle Schools (9:2:86)
 Symposium: Engineering Ethics (9:2:87)
 Teacher's Guide: Computers and Privacy (9:4:72)
 Toward a Liberation of the Liberal Arts (9:4:71)
 —: The Cultural Selection of Risk (9:3:78)
 Video Tape: A Call for Survival (9:4:72)
 Women in Science (see "Directory . . .")

Science, Technology, & Human Values

Coming in Volume 10 (1985) . . .

Winter 1985

Features a special section on "The Nature of Scientific and Engineering Progress"

Edited by William A. Blanpied, National Science Foundation

And including contributions from Donald T. Campbell, William Carey, Arnold Thackray, and Stephen Toulmin

Spring 1985

Special Issue on "Secrecy and Openness in Scientific and Technical Communication"

Produced in cooperation with the Office of Scientific Freedom and Responsibility, American Association for the Advancement of Science

Summer 1985

Features a special section on "Peer Review and Public Policy"

Co-edited by Daryl Chubin, Georgia Institute of Technology, and Sheila Jasanoff, Cornell University

Fall 1985

Features a special section on the ethics and policy questions in government use of computerized information

Edited by Susan Hadden, Lyndon B. Johnson School of Public Affairs, University of Texas

And also a special section on regulatory decisionmaking

Edited by James E. Katz, Lyndon B. Johnson School of Public Affairs, University of Texas